

The Next Generation Lighting Industry Alliance - Making Solid State Lighting a Reality

Charles A. Becker
GE Global Research

Cree, Inc.

Corning, Inc.

Eastman Kodak Company

General Electric Company

GELcore, LLC

Lumileds Lighting, LLC

Osram Opto Semiconductors

Philips Electronics North America Corporation



The Next Generation Lighting Industry Alliance Why?

- Lighting & emerging SSL for-profit corporations need a forum for communication and collaboration:
 - Recognizable body for DOE contact:
 - Government – Industry Collaboration Model
 - Feedback on DOE roadmapping, R&D strategies
 - Collaborative lobbying for increased DOE funding
 - Forum for “reasonable” access to IP generated under DOE R&D

The Next Generation Lighting Industry Alliance

What Is It?

- Alliance of for-profit corporations formed to accelerate Solid State Lighting (SSL) development and commercialization through government-industry partnership
- Charter – Support of Inorganic and Organic based SSL:
 - Public Advocacy for SSL and Next Generation Lighting Initiative
 - Promotion and support of DOE's ongoing assessment of SSL potential, the state of SSL technology, and DOE's SSL R&D Program
 - Facilitation of communication between NGLIA members and other parties with a substantial interest in SSL and the Next Generation Lighting Initiative

The Next Generation Lighting Industry Alliance

Who Is It?

- **Founding Members, May, 2003:**
 - Cree, Inc.**
 - Corning, Inc.**
 - Eastman Kodak Company**
 - General Electric Company**
 - GELcore, LLC**
 - Lumileds Lighting, LLC**
 - Osram Opto Semiconductors**
 - Philips Electronics North America Corporation**
- **Actively recruiting new members: contact Kyle Pitsor:**
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The Next Generation Lighting Industry Alliance Structure

- Separate from, but allied with NEMA Solid State Lighting Section
 - does not require NEMA membership
- All members have one voting member on Board of Directors
- BOD annually elects Chair and Vice Chair
 - 2003 Chair: Dale Work – Philips
 - 2003 Vice Chair: Todd Graves – GE
- Annual dues set to cover public advocacy expenses + NEMA administrative & coordination expenses – divided equally among member companies

The Next Generation Lighting Industry Alliance IP Position

- To make SSL a reality – industry as a whole needs commercially viable access to pre-competitive IP generated under DOE funding
- NGLIA also recognizes the need to incentivize non-profit entities to develop high impact IP
- DOE's "SECA" (Solid Oxide Conversion Alliance) had similar needs – developed compromise system under "exceptional circumstances" provisions of Bayh-Dole act
- NGLIA supports "SECA" – like approach to IP for SSL R&D
 - Inventors retain rights to IP
 - NGLIA members active in SSL received first option to negotiate non-exclusive licenses and royalty payments

The Next Generation Lighting Industry Alliance

Major 2003 Activities

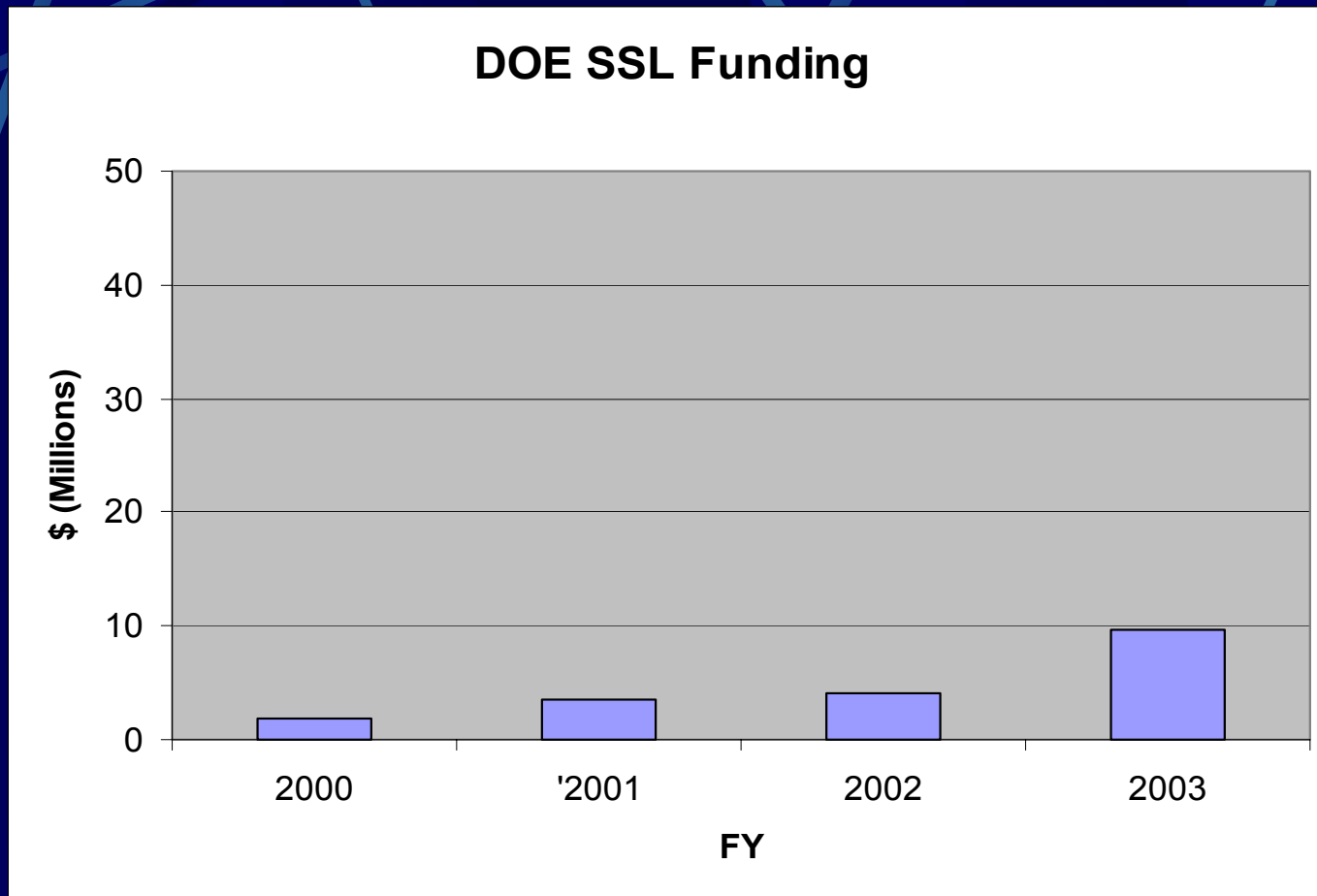
- **Public Advocacy, Lobbying:**
 - **Energy Policy Act of 2003; Section 912 authorizing NGLI and significant increase in DOE funding**
 - **Appropriations Committee – Initial Administration request for DOE's SSL program: \$5M; reported out at \$7.75M, even in absence of NGLI Authorization**
 - **Continuing efforts to increase DOE funding**
- **SSL Technology Demonstration Day – Sep 11, 2003:**
 - **NGLIA member demonstrations in Senate Office Building**

The Next Generation Lighting Industry Alliance Technology Demonstration Day



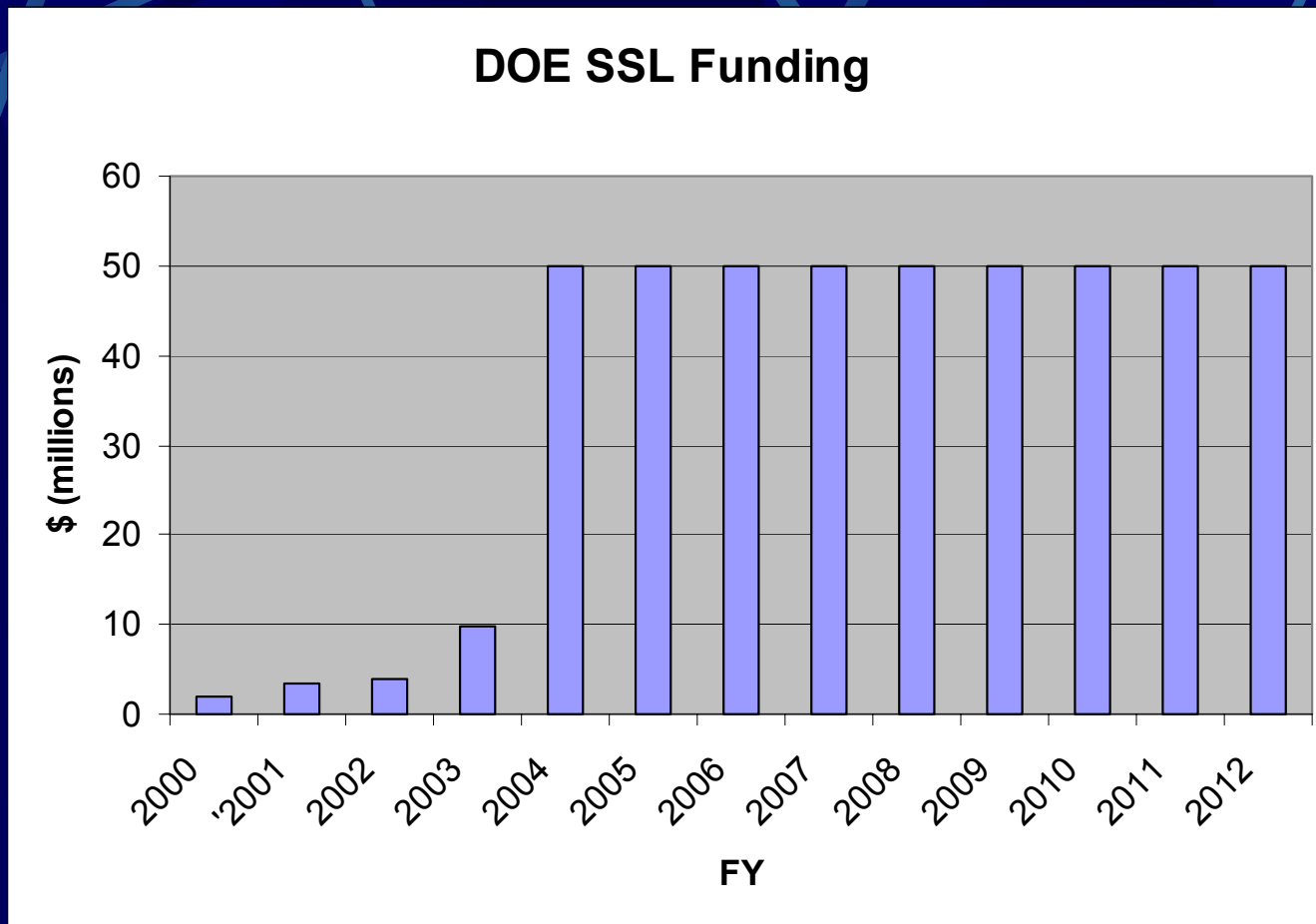
The Next Generation Lighting Industry Alliance

DOE SSL R&D Funding - Today



The Next Generation Lighting Industry Alliance

DOE SSL R&D Funding – Tomorrow!



The Next Generation Lighting Industry Alliance (Efficiently) Lighting Up the World !

